

LRC with Multi-Writer Coherence Protocol

P1

Lock(L);

$x \leftarrow$
 $y \leftarrow$
 $z \leftarrow$

$\Rightarrow x_d, y_d, z_d \text{ differs}$
 $\left. \begin{array}{l} x_d, y_d, z_d \end{array} \right\} \text{ modified in C-S}$

Unlock(L);

P2

Lock(L); $\xrightarrow{\text{invalidate}}$ Lock(L);

Lock(L);

$x \leftarrow \Rightarrow x'_d$

unlock(L);

x, y, z at
lock acquisition
(LRC)

x, y, z at

$\leftarrow x$
 $\leftarrow y$
 $\leftarrow z$

fetch at
point of
access